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PTO/SB/21 (09-04)

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| Application Number | 10/654,306 |
| Filing Date | 09/02/2003 |
| First Named Inventor | Hiroyuki TAMURA et al. |
| Art Unit | 2832 |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | 44471/292097 |

ENCLOSURES (Check all that apply)

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| Firm Name | KILPATRICK STOCKTON LLP | | |
| Signature | <i>Brenda O. Holmes</i> | | |
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| Substitute for form 1449B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | 10/654,306 |
| | | Filing Date | September 2, 2003 |
| | | First Named Inventor | Hiroyuki Tamura et al. |
| | | Art Unit | 2832 |
| | | Examiner Name | |
| Sheet 2 of 2 | Attorney Docket Number | 44471/292097 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| mm | 2 | AKIRA SUGIMURA, "Possibility of Magnetic Ordered States in Semiconductor Quantum Dot System", Japanese Journal of Applied Physics, Vol. 29, No. 12, December 1990, pp. L2463-L2465, XP-002373486 | |
| | 3 | KHURGIN J. B. et al. "Exchange interactions in strained quantum dot arrays and possibility of engineering their magnetic properties", Superlattices and Microstructures, Academic Press, London, GB, Vol. 24, No. 2, August 1998, pages 133-142, XP004445309, ISSN: 0748-6036 | |
| | 4 | J. KOLEHMAINEN, S.M. REIMANN, M. KOSKINEN, M. MANNINEN, "Magnetic interaction between coupled quantum dots", The European Physical Journal B, Vol. 13, No. 4, February 2000, pages 731-736, XP-002373487 | |
| | 5 | MANO T. et al., "Formation of InAs quantum dot arrays on GaAs (100) by self-organized anisotropic strain engineering of a (In, Ga) As superlattice template", Applied Physics Letters, AIP, American Institute of Physics, Melville, NY, US, Vol. 81, No. 9, 28 August 2002, pages 1705-1707, XP012033393, ISSN: 0003-6951 | |
| | 6 | HILL R. J. A. et al., "Magnetotunneling spectroscopy of an individual quantum dot in a gated tunnel diode", Applied Physics Letters, AIP, American Institute of Physics, Melville, NY, US, Vol. 79, No. 20, 12 November 2001, pages 3275-3277, XP012028416, ISSN: 0003-6951 | |
| mm | 7 | N. AOKI, L.H. LIN, Y. OCHIAI, K. ISHIBASHI, Y. AOYAGI, J.P. BIRD, D.K. FERRY, J. OSWALD, "Magnetotransconductance in dot array system at high-magnetic fields", Physica E, Vol. 13, No. 2-4, March 2002, pages 769-772, XP2374127 | |
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| Sheet | 1 | of | 2 |
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| | | | | Application Number | Not yet assigned |
| | | | | Filing Date | September 2, 2003 |
| | | | | First Named Inventor | Hiroyuki Tamura |
| | | | | Group Art Unit | N t yet assigned |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | 44471-292097 |
| Sheet | 1 | of | 2 | | |

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| | | | | Application Number | Not yet assigned |
| | | | | Filing Date | September 2, 2003 |
| | | | | First Named Inventor | Hir yuki Tamura |
| | | | | Group Art Unit | Not yet assigned |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | 44471-292097 |
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